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ABSTRACT OF THE DISCLOSURE

A dot mark forming method for obtaining a dot mark includes a liquid crystal mask in which the maximum length of each pixel is 50 to 2,000 μm and is irradiated with a homogenized laser beam. The energy density of a split laser beam passed through the liquid crystal mask is set to 1.0 to 15.0 J/cm^2 and is condensed after the mask by a lens unit so that the maximum length of each dot becomes 1 to 15 μm . A single dot mark is formed on each laser irradiated point. The dot mark has a protrusion in the center which protrudes upward from the surface of the article to be marked. The length along the surface of the article is 1 to 15 μm and the height of the protrusion is 0.01 to 5 μm .